

CRF Errors Corrected by the STIC System Branch

Serial Number: 10/057,580A

CRF Processing Date: 2/14/2002
 Edited by: [Signature]
 Verified by: [Signature] (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

RECEIVED
 JUL 16 2002
 TECH CENTER 1600/2900

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



1600

#5/K.T.
7/18

Raw

P.6

Seq.
Listing
(continued)

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/057,550A

DATE: 07/11/2002

TIME: 20:55:46

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\07112002\J057550A.raw

3 <110> APPLICANT: Monia, Brett P.
 5 <120> TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
 7 <130> FILE REFERENCE: ISPH-0625
 9 <140> CURRENT APPLICATION NUMBER: US 10/057,550A
 10 <141> CURRENT FILING DATE: 2002-01-25
 12 <150> PRIOR APPLICATION NUMBER: US 09/143,214
 13 <151> PRIOR FILING DATE: 1998-08-28
 15 <150> PRIOR APPLICATION NUMBER: PCT/US98/13961
 16 <151> PRIOR FILING DATE: 1998-07-06
 18 <150> PRIOR APPLICATION NUMBER: US 08/888,982
 19 <151> PRIOR FILING DATE: 1997-07-07
 21 <150> PRIOR APPLICATION NUMBER: US 08/756,806
 22 <151> PRIOR FILING DATE: 1996-11-26
 24 <150> PRIOR APPLICATION NUMBER: PCT/US95/07111
 25 <151> PRIOR FILING DATE: 1995-05-31
 27 <150> PRIOR APPLICATION NUMBER: US 08/250,856
 28 <151> PRIOR FILING DATE: 1994-05-31
 30 <160> NUMBER OF SEQ ID NOS: 108
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 20
 34 <212> TYPE: DNA
 35 <213> ORGANISM: artificial sequence
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: antisense sequence
 40 <400> SEQUENCE: 1
 41 tgaaggtgag ctggagccat 20
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 20
 45 <212> TYPE: DNA
 46 <213> ORGANISM: artificial sequence
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: antisense sequence
 51 <400> SEQUENCE: 2
 52 gctccattga tgcagcttaa 20
 54 <210> SEQ ID NO: 3
 55 <211> LENGTH: 20
 56 <212> TYPE: DNA
 57 <213> ORGANISM: artificial sequence
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: antisense sequence
 62 <400> SEQUENCE: 3
 63 ccctgtatgt gctccattga 20
 65 <210> SEQ ID NO: 4

RAW SEQUENCE LISTING

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66 <211> LENGTH: 20
67 <212> TYPE: DNA
68 <213> ORGANISM: artificial sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: antisense sequence
73 <400> SEQUENCE: 4
74 ggtgcaaagt caactagaag 20
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 20
78 <212> TYPE: DNA
79 <213> ORGANISM: artificial sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: antisense sequence
84 <400> SEQUENCE: 5
85 attctttaaac ctgaggggagc 20
87 <210> SEQ ID NO: 6
89 <211> LENGTH: 20
90 <212> TYPE: DNA
91 <213> ORGANISM: artificial sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: antisense sequence
96 <400> SEQUENCE: 6
97 gatgcagctt aaacaattct 20
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 20
101 <212> TYPE: DNA
102 <213> ORGANISM: artificial sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: antisense sequence
107 <400> SEQUENCE: 7
108 cagcactgca aatggcttcc 20
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 20
112 <212> TYPE: DNA
113 <213> ORGANISM: artificial sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: antisense sequence
118 <400> SEQUENCE: 8
119 tcccgcctgt gacatgcatt 20
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 20
123 <212> TYPE: DNA
124 <213> ORGANISM: artificial sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: antisense sequence
129 <400> SEQUENCE: 9
130 gccgagtgcc ttgcctggaa 20
132 <210> SEQ ID NO: 10
133 <211> LENGTH: 20

RAW SEQUENCE LISTING

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Input Set : A:\PTO.AMC.txt

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134 <212> TYPE: DNA
135 <213> ORGANISM: artificial sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: antisense sequence
140 <400> SEQUENCE: 10
141 agagatgcag ctggagccat 20
143 <210> SEQ ID NO: 11
144 <211> LENGTH: 20
145 <212> TYPE: DNA
146 <213> ORGANISM: artificial sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: antisense sequence
151 <400> SEQUENCE: 11
152 aggtgaaggc ctggagccat 20
154 <210> SEQ ID NO: 12
155 <211> LENGTH: 20
156 <212> TYPE: DNA
157 <213> ORGANISM: artificial sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: antisense sequence
162 <400> SEQUENCE: 12
163 gtctggcgct gcaccactct 20
165 <210> SEQ ID NO: 13
166 <211> LENGTH: 20
167 <212> TYPE: DNA
168 <213> ORGANISM: artificial sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: antisense sequence
173 <400> SEQUENCE: 13
174 ctgatttcca aaatcccatg 20
176 <210> SEQ ID NO: 14
177 <211> LENGTH: 20
178 <212> TYPE: DNA
179 <213> ORGANISM: artificial sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: antisense sequence
184 <400> SEQUENCE: 14
185 ctgggctgtt tggcctta 20
187 <210> SEQ ID NO: 15
188 <211> LENGTH: 20
189 <212> TYPE: DNA
190 <213> ORGANISM: artificial sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: antisense sequence
195 <400> SEQUENCE: 15
196 tcagggctgg actgcctgct 20
198 <210> SEQ ID NO: 16
199 <211> LENGTH: 20
200 <212> TYPE: DNA

RAW SEQUENCE LISTING

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Input Set : A:\PTO.AMC.txt

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201 <213> ORGANISM: artificial sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: antisense sequence
206 <400> SEQUENCE: 16
207 ggtgagggag cgggagggcg 20
209 <210> SEQ ID NO: 17
210 <211> LENGTH: 20
211 <212> TYPE: DNA
212 <213> ORGANISM: artificial sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: antisense sequence
217 <400> SEQUENCE: 17
218 cgctcctcct ccccgcgggcg 20
220 <210> SEQ ID NO: 18
221 <211> LENGTH: 20
222 <212> TYPE: DNA
223 <213> ORGANISM: artificial sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: antisense sequence
228 <400> SEQUENCE: 18
229 ttccggcggca gcttctcgcc 20
231 <210> SEQ ID NO: 19
232 <211> LENGTH: 20
233 <212> TYPE: DNA
234 <213> ORGANISM: artificial sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: antisense sequence
239 <400> SEQUENCE: 19
240 gccgccccaa cgtcctgtcg 20
242 <210> SEQ ID NO: 20
243 <211> LENGTH: 20
244 <212> TYPE: DNA
245 <213> ORGANISM: artificial sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: antisense sequence
250 <400> SEQUENCE: 20
251 tcctcctccc cgcggcgggt 20
253 <210> SEQ ID NO: 21
254 <211> LENGTH: 20
255 <212> TYPE: DNA
256 <213> ORGANISM: artificial sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: antisense sequence
261 <400> SEQUENCE: 21
262 ctcgcccgt cctcctcccc 20
264 <210> SEQ ID NO: 22
265 <211> LENGTH: 20
266 <212> TYPE: DNA
267 <213> ORGANISM: artificial sequence

RAW SEQUENCE LISTING

DATE: 07/11/2002

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Input Set : A:\PTO.AMC.txt

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269 <220> FEATURE:
270 <223> OTHER INFORMATION: antisense sequence
272 <400> SEQUENCE: 22
273 ctggcttctc ctccctcccct 20
275 <210> SEQ ID NO: 23
276 <211> LENGTH: 20
277 <212> TYPE: DNA
278 <213> ORGANISM: artificial sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: antisense sequence
283 <400> SEQUENCE: 23
284 cgggagggcg tcacattcgg 20
286 <210> SEQ ID NO: 24
287 <211> LENGTH: 20
288 <212> TYPE: DNA
289 <213> ORGANISM: artificial sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: antisense sequence
294 <400> SEQUENCE: 24
295 tctggcgctg caccactctc 20
297 <210> SEQ ID NO: 25
298 <211> LENGTH: 20
299 <212> TYPE: DNA
300 <213> ORGANISM: artificial sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: antisense sequence
305 <400> SEQUENCE: 25
306 ttctcgcccg ctccctcctcc 20
308 <210> SEQ ID NO: 26
309 <211> LENGTH: 20
310 <212> TYPE: DNA
311 <213> ORGANISM: artificial sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: antisense sequence
316 <400> SEQUENCE: 26
317 ttctcctcct cccctggcag 20
319 <210> SEQ ID NO: 27
320 <211> LENGTH: 20
321 <212> TYPE: DNA
322 <213> ORGANISM: artificial sequence
324 <220> FEATURE:
325 <223> OTHER INFORMATION: antisense sequence
327 <400> SEQUENCE: 27
328 cctgctggct tctcctcctc 20
330 <210> SEQ ID NO: 28
331 <211> LENGTH: 20
332 <212> TYPE: DNA
333 <213> ORGANISM: artificial sequence
335 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/11/2002
PATENT APPLICATION: US/10/057,550A TIME: 20:55:47

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:65; N Pos. 1088